

Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20625-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20625-1RB#0-Range2:1000~10000MHz



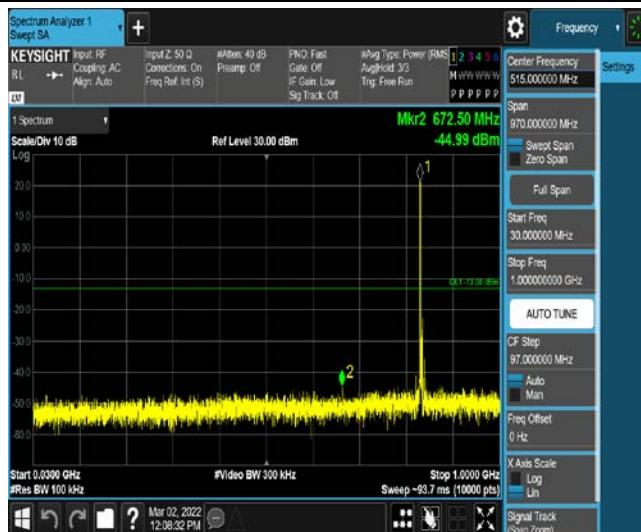
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Band5-5MHz-16QAM-20425-1RB#0-Range2:1000~10000MHz



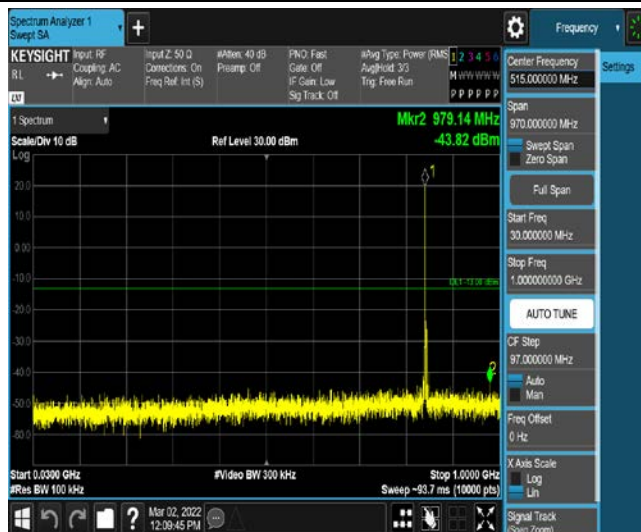
Band5-5MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range1:30~1000MHz



Band5-5MHz-16QAM-20625-1RB#0-Range2:1000~10000MHz



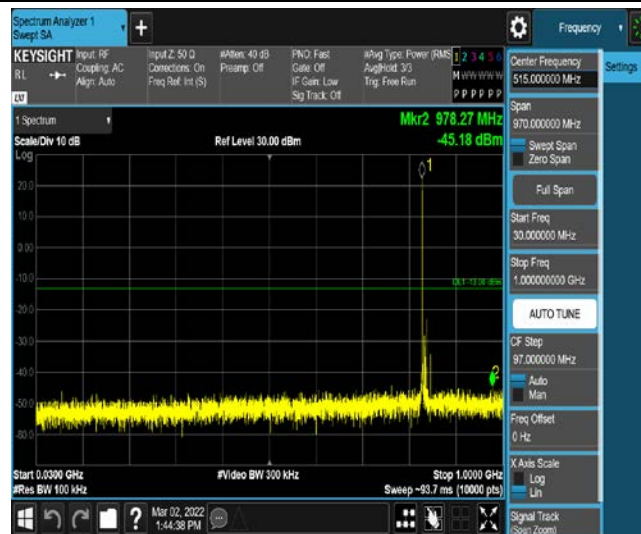
Band5-10MHz-QPSK-20450-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20450-1RB#0-Range2:1000~10000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



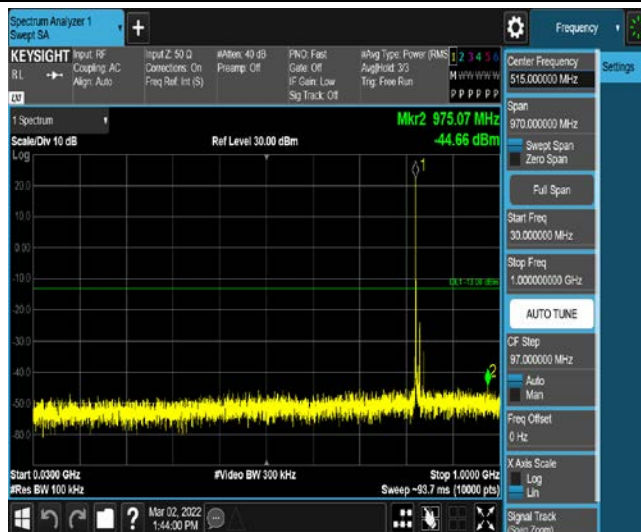
Band5-10MHz-QPSK-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-QPSK-20600-1RB#0-Range2:1000~10000MHz



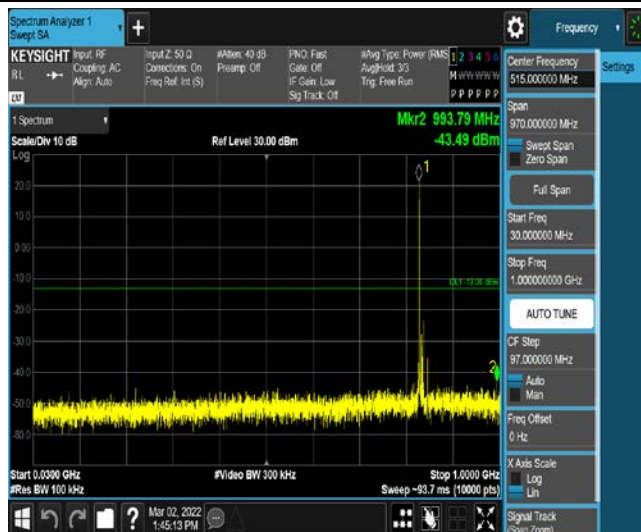
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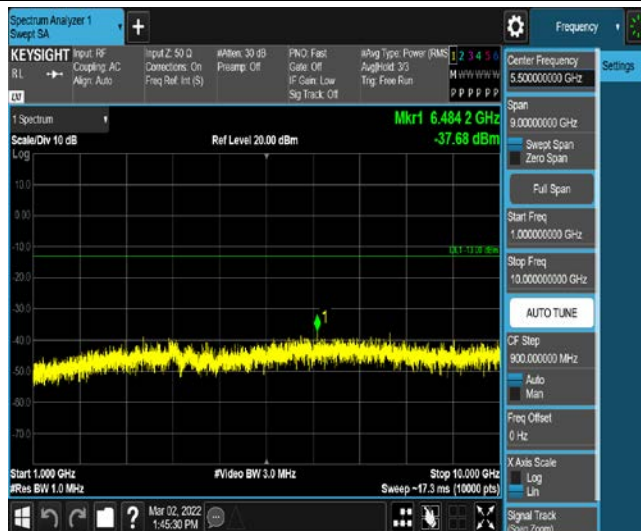
Band5-10MHz-16QAM-20450-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range1:30~1000MHz



Band5-10MHz-16QAM-20600-1RB#0-Range2:1000~10000MHz



Appendix 7: Field Strength of Spurious Radiation

The transmitting equipment under test (EUT) is placed on a styrene turntable which is four feet in diameter and approximately 0.8 meter up to 1GHz and 1.5 meter above 1GHz in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjusted through all three orthogonal axes to obtain maximum emission levels. The antenna height and polarization are varied during the testing to search for maximum signal levels.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower. The emissions were very low against the limit in the frequency range 9kHz to 30MHz and 18 GHz ~ 20 GHz.

Note: We tested all modes, but the data presented below is the worst case.

9kHz~150kHz, VBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, VBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

Test Plots

Test Band = BAND5

Worst Test Bandwidth = 10MHz

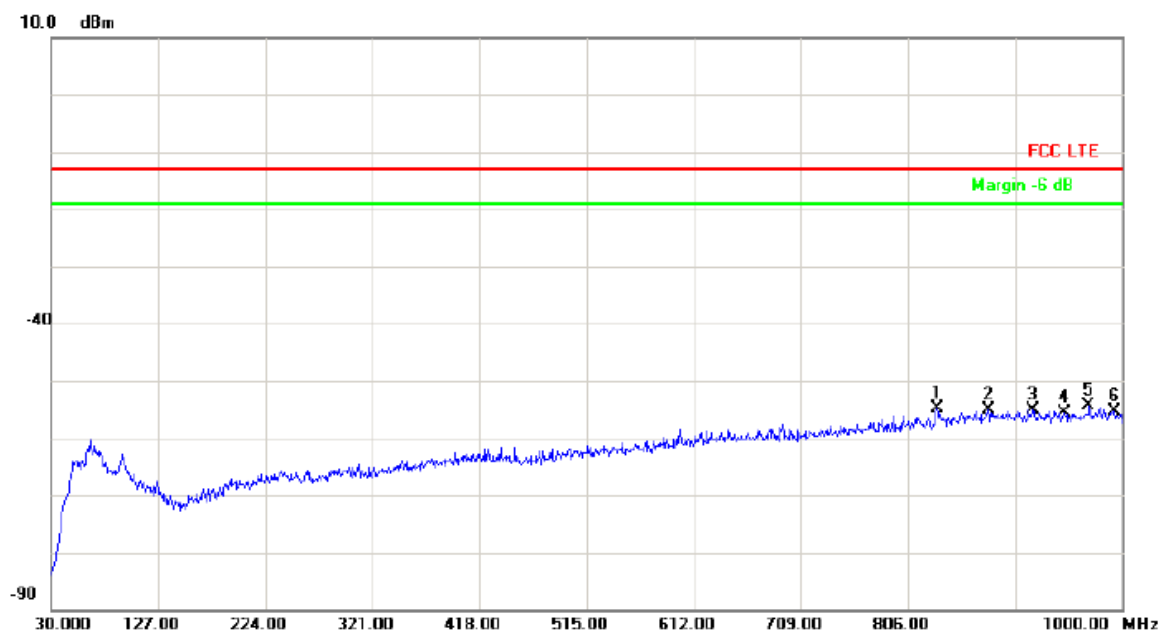
Modulation= QPSK

Channel=20525

RB Configuration=50RB#0

Vertical

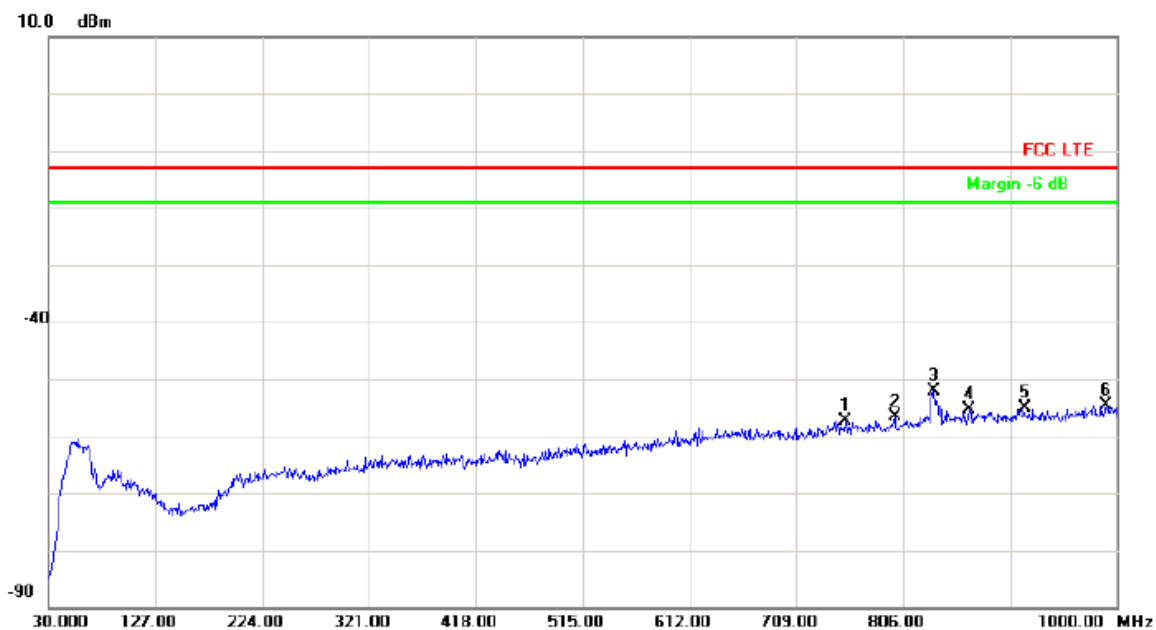
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	cm	degree	Comment
1		832.8690	-58.14	3.23	-54.91	-13.00	-41.91	RMS		
2		879.4290	-59.07	3.84	-55.23	-13.00	-42.23	RMS		
3		919.7325	-59.14	4.06	-55.08	-13.00	-42.08	RMS		
4		947.7655	-59.77	4.07	-55.70	-13.00	-42.70	RMS		
5 *		969.9785	-58.54	4.25	-54.29	-13.00	-41.29	RMS		
6		993.2100	-59.75	4.46	-55.29	-13.00	-42.29	RMS		

Horizontal

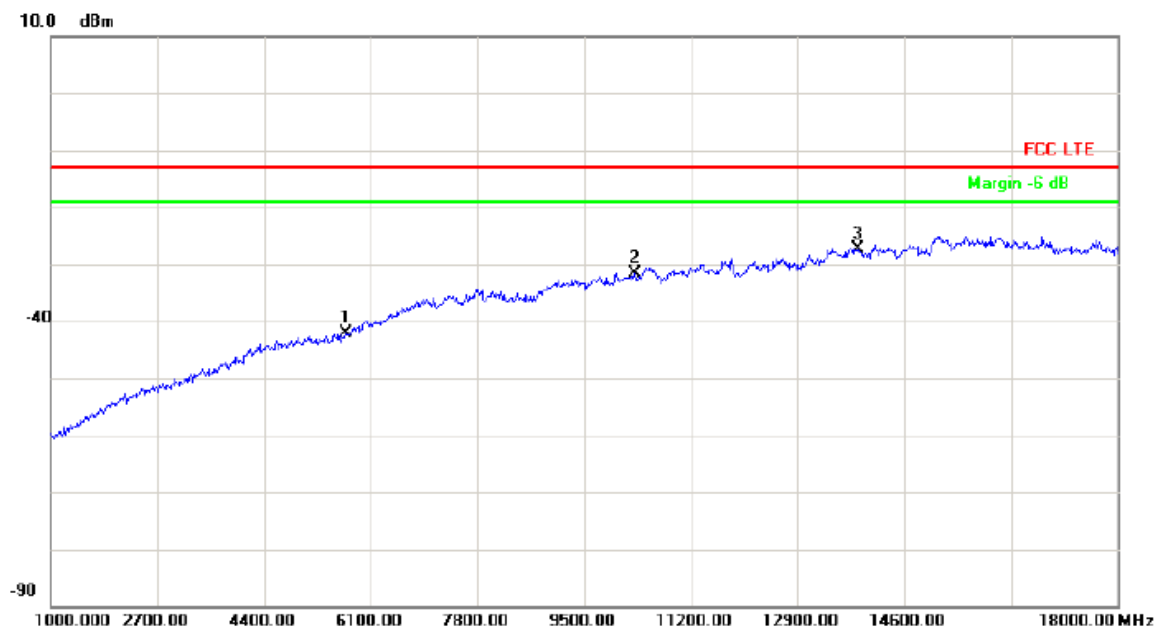
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	cm	degree	Comment
1		753.8625	-59.50	2.25	-57.25	-13.00	-44.25	RMS		
2		798.2400	-59.08	2.39	-56.69	-13.00	-43.69	RMS		
3	*	833.4025	-55.03	3.02	-52.01	-13.00	-39.01	RMS		
4		866.6735	-58.86	3.45	-55.41	-13.00	-42.41	RMS		
5		916.5315	-58.75	3.73	-55.02	-13.00	-42.02	RMS		
6		990.8820	-59.10	4.37	-54.73	-13.00	-41.73	RMS		

Vertical

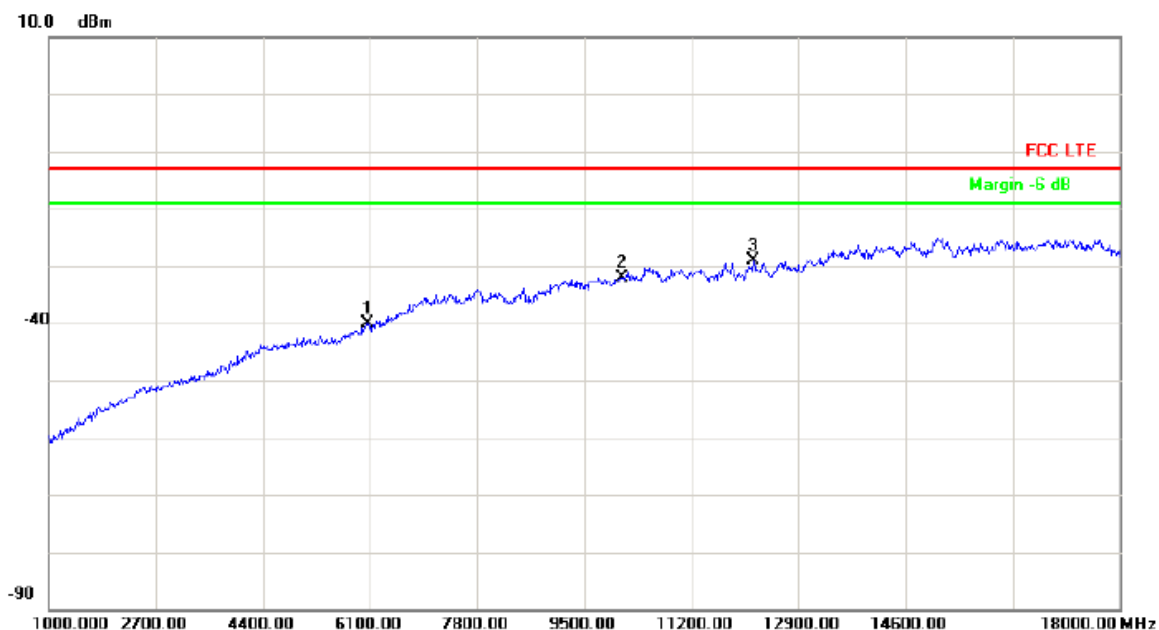
Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	cm	degree	Comment
1		5699.650	-50.99	8.93	-42.06	-13.00	-29.06	RMS		
2		10299.850	-49.00	17.50	-31.50	-13.00	-18.50	RMS		
3 *		13863.050	-48.08	20.76	-27.32	-13.00	-14.32	RMS		

Horizontal

Radiated Emission



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	cm	degree	Comment
1		6060.050	-49.40	9.31	-40.09	-13.00	-27.09	RMS		
2		10093.300	-49.95	17.74	-32.21	-13.00	-19.21	RMS		
3 *		12190.250	-47.02	17.92	-29.10	-13.00	-16.10	RMS		

Appendix 8: Frequency Stability

Test Result

Frequency Error vs. Voltage:

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-1.70	-0.002061	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-4.62	-0.005602	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-2.52	-0.003056	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	-1.58	-0.001889	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	1.64	0.001961	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	3.07	0.003670	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	2.65	0.003124	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-1.47	-0.001733	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-1.39	-0.001639	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VL	NT	-3.58	-0.004341	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VN	NT	-3.79	-0.004596	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	VH	NT	-3.52	-0.004268	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VL	NT	-2.39	-0.002857	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VN	NT	-2.00	-0.002391	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	VH	NT	-1.63	-0.001949	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VL	NT	-4.32	-0.005093	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VN	NT	-3.55	-0.004185	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	VH	NT	-3.06	-0.003607	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	-3.61	-0.004373	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	-3.68	-0.004458	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	-2.43	-0.002944	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	1.61	0.001925	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	-1.69	-0.002020	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	2.91	0.003479	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	-1.96	-0.002313	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	-3.16	-0.003729	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	-3.24	-0.003823	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VL	NT	2.46	0.002980	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VN	NT	2.41	0.002919	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	VH	NT	3.60	0.004361	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VL	NT	-2.22	-0.002654	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VN	NT	-2.30	-0.002750	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	VH	NT	-2.55	-0.003048	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VL	NT	-1.86	-0.002195	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VN	NT	-2.32	-0.002737	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	VH	NT	-2.82	-0.003327	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	-1.91	-0.002311	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	-4.00	-0.004840	±2.5	PASS

Band5	5MHz	QPSK	20425	25RB#0	VH	NT	-3.85	-0.004658	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	-1.71	-0.002044	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-1.58	-0.001889	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	-3.76	-0.004495	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	-1.45	-0.001713	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-2.48	-0.002930	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-2.82	-0.003331	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VL	NT	-3.35	-0.004053	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VN	NT	-4.94	-0.005977	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	VH	NT	-1.46	-0.001766	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VL	NT	-2.62	-0.003132	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VN	NT	-1.25	-0.001494	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	VH	NT	-1.60	-0.001913	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VL	NT	-1.48	-0.001748	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VN	NT	1.59	0.001878	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	VH	NT	2.39	0.002823	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-1.81	-0.002183	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-1.68	-0.002027	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	-2.07	-0.002497	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	-1.83	-0.002188	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	-3.22	-0.003849	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	-3.79	-0.004531	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	-1.49	-0.001765	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	1.66	0.001967	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	-2.45	-0.002903	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VL	NT	-3.34	-0.004029	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VN	NT	-3.53	-0.004258	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	VH	NT	-2.69	-0.003245	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VL	NT	-3.44	-0.004112	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VN	NT	-2.66	-0.003180	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	VH	NT	-2.76	-0.003299	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VL	NT	-2.50	-0.002962	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VN	NT	-1.79	-0.002121	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	VH	NT	-1.84	-0.002180	±2.5	PASS

Frequency Error vs. Temperature:

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-1.84	-0.002231	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-2.97	-0.003601	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-3.56	-0.004317	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-2.81	-0.003407	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-3.22	-0.003904	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-4.08	-0.004947	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-4.56	-0.005529	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-4.31	-0.005226	±2.5	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-3.02	-0.003662	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	-1.80	-0.002152	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-1.42	-0.001698	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	-1.57	-0.001877	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	1.59	0.001901	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-2.18	-0.002606	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-4.18	-0.004997	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-5.45	-0.006515	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	-4.72	-0.005643	±2.5	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-3.34	-0.003993	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-1.59	-0.001874	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	1.50	0.001768	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	2.18	0.002570	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	1.90	0.002240	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-1.18	-0.001391	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-4.16	-0.004904	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-4.27	-0.005034	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-4.8	-0.005658	±2.5	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-2.54	-0.002994	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-30	-3.52	-0.004268	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-20	-5.15	-0.006245	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	-10	-3.66	-0.004438	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	0	-3.39	-0.004111	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	10	-2.27	-0.002753	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	20	-3.54	-0.004292	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	30	-5.01	-0.006075	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	40	-4.56	-0.005529	±2.5	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	NV	50	-3.22	-0.003904	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-30	-0.94	-0.001124	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-20	-3.38	-0.004041	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	-10	-1.61	-0.001925	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	0	-2.71	-0.003240	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	10	-2.10	-0.002510	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	20	-3.96	-0.004734	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	30	-4.56	-0.005451	±2.5	PASS



Band5	1.4MHz	16QAM	20525	6RB#0	NV	40	-5.23	-0.006252	±2.5	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	NV	50	-2.75	-0.003288	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-30	-2.72	-0.003206	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-20	-4.80	-0.005658	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	-10	-3.13	-0.003690	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	0	-2.64	-0.003112	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	10	-3.24	-0.003819	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	20	-3.66	-0.004315	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	30	-4.86	-0.005729	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	40	-4.56	-0.005375	±2.5	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	NV	50	-3.43	-0.004043	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	-2.72	-0.003295	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	-1.18	-0.001429	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	2.66	0.003222	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	0	-3.31	-0.004010	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	10	-3.18	-0.003852	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	20	-3.91	-0.004737	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	30	-4.9	-0.005936	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	40	-5.56	-0.006735	±2.5	PASS
Band5	3MHz	QPSK	20415	15RB#0	NV	50	-3.31	-0.00401	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	-2.01	-0.002403	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	2.09	0.002499	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	2.11	0.002522	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-2.55	-0.003048	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-1.14	-0.001363	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	20	-3.81	-0.004555	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	30	-4.44	-0.005308	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	40	-5.38	-0.006432	±2.5	PASS
Band5	3MHz	QPSK	20525	15RB#0	NV	50	-2.73	-0.003264	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	-3.04	-0.003587	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	-3.64	-0.004295	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	-2.79	-0.003292	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-3.29	-0.003882	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	10	-4.08	-0.004814	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	20	-3.44	-0.004059	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	30	-4.52	-0.005333	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-4.74	-0.005593	±2.5	PASS
Band5	3MHz	QPSK	20635	15RB#0	NV	50	-3.34	-0.003941	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-30	2.16	0.002617	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-20	-1.99	-0.002411	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	-10	-2.11	-0.002556	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	0	2.73	0.003307	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	10	1.14	0.001381	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	20	-3.09	-0.003743	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	30	-4.96	-0.006008	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	40	-4.74	-0.005742	±2.5	PASS
Band5	3MHz	16QAM	20415	15RB#0	NV	50	-3.01	-0.003646	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-30	-2.76	-0.003299	±2.5	PASS

Band5	3MHz	16QAM	20525	15RB#0	NV	-20	-1.85	-0.002212	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	-10	-2.04	-0.002439	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	0	-1.93	-0.002307	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	10	-3.12	-0.003730	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	20	-4.22	-0.005045	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	30	-5.18	-0.006192	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	40	-4.37	-0.005224	±2.5	PASS
Band5	3MHz	16QAM	20525	15RB#0	NV	50	-3.38	-0.004041	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-30	-3.55	-0.004189	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-20	-2.69	-0.003174	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	-10	-2.24	-0.002643	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	0	-2.23	-0.002631	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	10	-1.32	-0.001558	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	20	-4.24	-0.005003	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	30	-4.91	-0.005794	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	40	-5.39	-0.00636	±2.5	PASS
Band5	3MHz	16QAM	20635	15RB#0	NV	50	-2.61	-0.00308	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	-3.75	-0.004537	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	-3.37	-0.004077	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	-10	-3.99	-0.004828	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	0	-4.78	-0.005783	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	10	-4.04	-0.004888	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	20	-4.33	-0.005239	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	30	-4.53	-0.005481	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	40	-5.01	-0.006062	±2.5	PASS
Band5	5MHz	QPSK	20425	25RB#0	NV	50	-3.35	-0.004053	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	1.61	0.001925	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	2.58	0.003084	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	1.14	0.001363	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	0	-2.01	-0.002403	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	10	-1.83	-0.002188	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	20	-3.61	-0.004368	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	30	-4.87	-0.005892	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-5.81	-0.00703	±2.5	PASS
Band5	5MHz	QPSK	20525	25RB#0	NV	50	-3.06	-0.003702	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	0.86	0.001016	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	1.00	0.001181	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	1.06	0.001252	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	0	-1.31	-0.001548	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	10	-1.43	-0.001689	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-3.72	-0.004395	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	30	-5.01	-0.005918	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	40	-4.76	-0.005623	±2.5	PASS
Band5	5MHz	QPSK	20625	25RB#0	NV	50	-2.9	-0.003426	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-30	-1.45	-0.001754	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-20	-4.37	-0.005287	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	-10	-4.48	-0.005420	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	0	-5.63	-0.006812	±2.5	PASS



Band5	5MHz	16QAM	20425	25RB#0	NV	10	-3.96	-0.004791	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	20	-4.53	-0.005481	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	30	-5.57	-0.006739	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	40	-5.25	-0.006352	±2.5	PASS
Band5	5MHz	16QAM	20425	25RB#0	NV	50	-3.09	-0.003739	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-30	1.79	0.002140	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-20	0.92	0.001100	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	-10	-4.03	-0.004818	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	0	-3.43	-0.004100	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	10	1.59	0.001901	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	20	-3.25	-0.003885	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	30	-4.72	-0.005643	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	40	-5.31	-0.006348	±2.5	PASS
Band5	5MHz	16QAM	20525	25RB#0	NV	50	-3.8	-0.004543	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-30	1.78	0.002103	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-20	-1.69	-0.001996	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	-10	2.05	0.002422	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	0	3.50	0.004135	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	10	-2.19	-0.002587	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	20	-4.28	-0.005056	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	30	-4.48	-0.005292	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	40	-5.74	-0.006781	±2.5	PASS
Band5	5MHz	16QAM	20625	25RB#0	NV	50	-3.62	-0.004276	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	-2.57	-0.003100	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-3.20	-0.003860	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	2.06	0.002485	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-2.99	-0.003607	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	10	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	20	-4.6	-0.005549	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	30	-4.31	-0.005199	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	40	-5.47	-0.006598	±2.5	PASS
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-3.65	-0.004403	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-30	2.02	0.002415	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	-1.91	-0.002283	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	-2.50	-0.002989	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-3.42	-0.004088	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	10	-2.64	-0.003156	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	20	-3.67	-0.004387	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-4.9	-0.005858	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-5.1	-0.006097	±2.5	PASS
Band5	10MHz	QPSK	20525	50RB#0	NV	50	-3.52	-0.004208	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-2.80	-0.003318	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	-1.91	-0.002263	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	-2.24	-0.002654	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	0	1.81	0.002145	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	10	-2.43	-0.002879	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	20	-3.23	-0.003827	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	30	-4.9	-0.005806	±2.5	PASS

Band5	10MHz	QPSK	20600	50RB#0	NV	40	-4.92	-0.005829	±2.5	PASS
Band5	10MHz	QPSK	20600	50RB#0	NV	50	-3.71	-0.004396	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-30	-2.20	-0.002654	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-20	1.19	0.001435	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	-10	-2.69	-0.003245	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	0	-4.29	-0.005175	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	10	-2.17	-0.002618	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	20	-3.32	-0.004005	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	30	-5.11	-0.006164	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	40	-4.81	-0.005802	±2.5	PASS
Band5	10MHz	16QAM	20450	50RB#0	NV	50	-3.43	-0.004138	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-30	-2.90	-0.003467	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-20	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	-10	-2.03	-0.002427	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	0	-2.30	-0.002750	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	10	-4.00	-0.004782	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	20	-4.17	-0.004985	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	30	-3.9	-0.004662	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	40	-5.49	-0.006563	±2.5	PASS
Band5	10MHz	16QAM	20525	50RB#0	NV	50	-2.68	-0.003204	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-30	-2.43	-0.002879	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-20	-2.96	-0.003507	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	-10	-2.92	-0.003460	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	0	-1.02	-0.001209	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	10	1.46	0.001730	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	20	-4.09	-0.004846	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	30	-4.78	-0.005664	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	40	-5.02	-0.005948	±2.5	PASS
Band5	10MHz	16QAM	20600	50RB#0	NV	50	-3.55	-0.004206	±2.5	PASS

END